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**PROGRAMME TITLE: REGIONAL DISASTER RISK AND VULNERABILITY REDUCTION
CAPACITY DEVELOPMENT (PERIPERI U)**

AGREEMENT AID-OFDA-G-11-00215

QUARTERLY REPORT FOR THE FIRST QUARTER OF 2015

1 January to 31 March 2015

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1. Overview of progress

This report describes the progress of the Periperi U Consortium of universities in the first quarter of the 2015 reporting year, covering 1 January to 31 March 2015, as required in terms of USAID Agreement AID-OFDA-G-11-00215.

The report describes the consortium's progress with specific reference to the five key focus areas of the programme, specifically:

1. **Institutional embedding (i.e. sustainability)** of active disaster risk-related teaching and training, research and policy advocacy capacity with particular emphasis on urban and hydro-meteorological risks.
2. Enhancement of sustainable capacity for each university unit/programme to provide at least one-two short disaster risk-related courses annually and to design/implement one new course by 2014.
3. The **growth and sustainability of new undergraduate and/or graduate programmes** related to reducing/managing the risk and vulnerability profile of the country concerned.
4. The **generation and communication of applied research outputs by each unit/programme** related to the risks and vulnerabilities of the country concerned that increase local understanding and improve the management of those risks.
5. **Mobilisation of the consortium to advance disaster-risk reduction** efforts through the strategic engagement by each unit/programme institutionally, as well as at national/sub-national, continental and international scales with governmental, nongovernmental, international and scientific stake-holders.

Various other initiatives are also described while the challenges encountered during the quarter are explained.

Several tables have been appended providing details of individual partner deliverables.

2. Progress in focus areas

2.1 Focus area 1: Institutional embedding

With most programmes already institutionally embedded across the partnership, there were few changes in the first quarter.

At Bahir Dar University, the Department of Disaster Risk Management and Sustainable Development is still waiting for University Senate approval of its 2011 application to upgrade to an Institute of Disaster Risk Management and Food Security. However, BDU's President has indicated his interest to learn more about Periperi U.

A meeting to discuss the partnership with RADAR's Director and the Dept of Disaster Risk Reduction and Sustainable Development is tentatively planned to coincide with the annual consultative meeting, scheduled for Addis Ababa/Bahir Dar in October¹ 2015.

2.2 Focus area 2: Enhancement of sustainable capacity through short courses

Three Periperi U partners (BDU, USTHB and UG) implemented 4 short courses in this reporting period, reaching 175 participants.

¹ The meeting had previously been set for July 2015. However, it is now tentatively set for either 12-15 October or 13-16 October.

USTHB ran short courses on *Disaster Risk Reduction* (15-17 February 2015) and *GIS for Disaster Risk Management* (1-5 March 2015). These sessions provided opportunities for the Algerian Hazard Network and the NAGET Network (North African Group for Earthquake and Tsunamis)² to disseminate information on the impact of major risks in Algeria during the 20th Century and historical seismicity in the Maghreb Region.

The **UG** ran two short courses from 12-22 January 2015 - *Community based information for environmental health and DRR* (32 participants), and *Strategies for community resilience building in urban Ghana* (29 attendees). Course participants included students, frontline disaster management staff, and community development facilitators. As part of the short course, a field trip was organised to visit a lagoon in Accra which is severely encroached-on by human settlements and choked with municipal waste.

Although **BDU** did not offer a Disaster Risk focused short courses in this quarter, it ran two courses in thesis writing capacity development (*Data Development, Management and Analysis Using STATA and Statistics and SPSS software training*) for MSc students and staff members.

An additional 6 courses are planned for the 1 April-30 June quarter, including offerings at Ardhi, GBU and SU/RADAR.

Ardhi has set tentative dates for its established Periperi U short courses in April and May 2015. The DMTC will also offer a tailor-made course on *Locating and Mapping of Critical Infrastructure and Incidents*. This is scheduled for 16 May and will involve 30 police officers of the Tanzanian Police Force. Ardhi has customised courses for two local authorities (Mkuranga District Council and Kibaha Town Authority). These focus on introducing technical staff to the basics of disaster and the DRR role of local authorities (as these are the service delivery institutions operating at grassroots level).

GBU is planning a short course from 20-24 of April on Health and Food Security related to flood risk. It will target practitioners, specifically district councillors and community leaders strengthen capacities for grassroots-led risk reduction and management.

RADAR is planning its *Community Risk Assessment: Focus on informal settlements* course from 29 June-3 July. It will incorporate fieldwork in Wallacedene, an informal housing settlement in Kraaifontein, Cape Town.

Moi has reported growing demand for the Nutrition in Emergencies course. Consortium partners, Tanà and Bahir Dar, have indicated their intent to attend.

Due to temporary disruptions associated with the 2014 general election in Mozambique and subsequent appointment of new officials, **UDM** has been unable to run short courses since October 2014.³ The appointment of new DRM personnel has necessitated that UDM reframe its training and research efforts to address capacity building needs of the newly assigned public officials.

While **ABU** is currently not offering short courses, it has dedicated time to develop competence/capacity and enhance planning of short courses by attending short courses within and beyond the consortium.

Details of short courses run in the 1 January-31 March quarter are reflected in the appendices in Table A1.

² See section 2.5.1 for a description of the networks.

³ Following Mozambique's general election in October 2014 UDM reported that it was unable to run its short courses planned for December 2014 due to political processes. They highlighted that as a new government was put in place and new personnel responsible for DRM for the country meant that the government's training and research needs would be reframed.

2.3 Focus area 3: Growth and sustainability of new undergraduate and/or graduate programmes

This quarter, more than 560 under- and post-graduate students were enrolled in disaster-related academic programmes at nine Peripheri U universities. These included 189 undergraduate and 252 post-graduate students, as well as 22 students registered for disaster risk-related PhDs. However, there is great diversity across the consortium, with some programmes advancing at-pace, while others face internal obstacles in introducing new, cross-disciplinary disaster risk-related courses.

ABU runs two programmes over four academic sessions. At the University's last Governing Board meeting, the Director of the Centre for Disaster Risk Management and Development Studies highlighted his intent to expand its academic programme. His proposals include the introduction of Professional Masters, MPhil and PhD degrees in Disaster Management. The MPhil would serve as a bridge between the Professional Masters in Disaster Management and the PhD.

Ardhi's two postgraduate programmes (Master of Disaster Risk Management (MDRM) and Master of Science in Disaster Risk Management (MSc DRM) continued during this reporting period. Evidence of growing credibility of these courses is indicated by admissions, with three of 20 admitted students from Cameroon.

At **BDU**, all academic (undergraduate and postgraduate) programmes are running smoothly. The Department of Disaster Risk Management and Sustainable Development is planning to undertake a curriculum review of its undergraduate programme, with co-funding from UNDP. In addition, the MSc in DRM and Sustainable Development is currently under great demand, with many applicants employed as senior experts in government (for example the State Minister for DRM). There is evidence of increasing risk research capacity, with a growing number of MSc papers derived from theses submitted for peer review in scientific journals.

Following requests from the Government (Disaster Risk Management and Food Security Sector (DRMFSS) and MSc graduates in 2011 to launch a PhD in DRM, the department is in the process of discussion/development a Sandwich PhD Curriculum⁴. This curriculum is now being considered. In light of this request/initiative the number of professorships and experts as well as publications in the department must increase, which the department will now need to start planning towards.

At **Gaston Berger University**, the Masters Degree in *Disaster Risk Prevention and Management for Food Security* is running smoothly. The first cohort comprises 34 students, of whom 13 are professionals supported by their employers, 8 are female and 1 is an international student from Mauritania. As the university is equipped with a virtual conference centre, professionals whose work responsibilities preclude their physically attending classes are supported through this e-learning system.

The undergraduate course at **UDM** continued this quarter. The first MSc course is concluding with most students having reached their thesis development stage. However, language has now emerged as a barrier for most students completing their theses, as UDM/Mozambique is primarily Portuguese speaking. Unfortunately, students must write full theses in English (which is not their first language) due to limited numbers of academics qualified to externally examine the theses in Portuguese. The next cohort of MSc students is expected to start in August 2015.

Makerere's *Masters in Public Health and Disaster Management* course is running as planned. Eleven graduate students have enrolled. Of these, 1 is international (Malawian) and 3 are female. The School of Public Health received co-funding to run this course and as a result all the students' fees have been covered. The WHO has also provided some teaching components to the modules.

USTHB is currently planning the development of its integrated M-degree in Engineering and Risk Management. It will host a workshop to develop the curriculum – a process supported by the

⁴ First, PhD students pursue a two years PhD education and training programme at BDU (their home university) followed by a two years programme in abroad where the thesis will be completed.

university's Vice-President (Professor Fawzia Mekideche-Chafa) who will invite subject experts for their advice. A Civil Protection teaching component will most likely be included in the curriculum. This will hopefully be streamlined with or incorporated with existing courses such as the postgraduate training in security of buildings.

UG continues to run existing course modules in DRR, one each at the undergraduate and graduate levels. For the period January-March 2015 which coincides with the second semester of the 2014/2015 academic year, one undergraduate course module was offered with 10 participating students. The other course module is offered at the graduate level with 9 students participating.

Five Master of Philosophy students submitted their completed theses to the Graduate School. It may take some time before these are assessed both internally and externally. They will then be required to give a final oral defence. One PhD student defended his thesis on *Hazards and vulnerability mapping for adaptation to climate risks in savannah ecosystems: A case study of the Volta Basin, Ghana*. He passed the defence and is working on the corrections for final submission and award of the degree.

Table A2 in the appendices lists the academic programme enrolment and graduation during this reporting period.

2.4 Focus area 4: Generation and communication of applied research outputs

At **SU**, the team is currently concluding its second multi-year study of severe weather events in the Western Cape of South Africa. In addition to established methods in severe weather event analysis (eg meteorology and financial loss estimation), the study has included a deliberate social media analytic component. With specific attention on Twitter data, the research was able to determine peaks in Twitter traffic and their temporal association with both hydrometeorological data and response reports.

Ardhi advertised its final round of applied minor research grants. 17 research proposals (13 from students and 4 from academic staff) were received, with the evaluation/selection process of seven funding proposals initiated during this reporting period.

Details of research projects across the consortium are provided in Table A3 and A4 in the appendices.

2.5 Focus area 5: Mobilisation of the consortium to advance disaster-risk reduction

2.5.1 Local activities

ABU is currently developing a National Plan on Public Awareness in Disaster Risk Reduction for the National Emergency Management Agency of Nigeria. This project is co-sponsored by the UNDP.

Tanà's successful implementation of 4 short courses in 4 of Madagascar's 22 administrative regions reached more than 100 participants in local authorities in November 2014. This provided a platform for Tanà to reach more people as well as share more risk knowledge at local level. Subsequent discussions with the head of the National Bureau of Disaster and Risk Management in Madagascar (as their staff at Municipal level were participants in the short courses), led to a request for the University of Antananarivo to offer technical advisory services in developing a more comprehensive DRM governmental unit for Madagascar.

This is envisioned to support government intervention to move from established disaster response activities to more integrated multisectoral, transdisciplinary and multistakeholder DRR policies and plans. Specifically, Tanà will begin by identifying divisions that need to put in place and relating TORs as well as advising the kind of activities that are needed for implementing an integrated DRR policy and plan in relation to the national DRR policy and strategy.

In February 2015, Tanà and the Initiative Commune pour le Plaidoyer de l'intégration de la réduction des risques de catastrophes à Madagascar (ICPM) which is a DIPECHO funded project, signed an

addendum to an MoU to extend their collaboration with a new research project aiming at providing a tool for assessing and describing communities resilience.

USTHB has established two risk-related networks, specifically, the Algerian Hazards Network (AHNet) and the NAGET (North African Group for Earthquake and Tsunamis). The AHNet is a forum to link Algerian scientists in the domain of natural hazards and coordinate research and also serves as an advisory board for the General Directorate for Research and Technological Development in terms of disaster risk management (link: www.ahnet.dz). NAGET is partially supported by the International Centre for Theoretical Physics (ICTP) in Trieste (Italy) which constitutes a forum and a link between the scientists on North African Countries working in the domains of earthquakes and tsunamis (<http://naget.ictp.it>).

UG is involved in *Learning from the Community of Sabon Zongo* an on-going initiative on Water, Sanitation and Hygiene (WASH) for community schools. Following an official invitation from the Janok Foundation, UG was represented in a stakeholder collaborative meeting from 6-7 February 2015. Presentations were made on community engagement efforts involving as many stakeholders as possible in the programme, as well as the organisational approaches used to involve these community groups.

2.5.2 International activities

A delegation of 24 Periperi U representatives (list in appendices) attended the World Conference on Disaster and Risk Reduction (WCDRR) from 14 -18 March 2015. The partnership was involved in a wide host of activities. These included the IGNITE stage presentation on Periperi U by Djillali Benouar, USTHB and Periperi U's co-hosting (with the Asian University Network on Environment and Disaster Management AUEDM) of a 3-hour side-event on the *Role of Higher Education Institutions (HEIs) in Advancing Disaster Risk Reduction*. This was the first time HEIs from Africa and Asia or the global South had collaboratively led by such event at a world conference event in DRR. A summary report of this event is presented on the UNISDR reporting template (Appendices), while a full meeting report is under development.

Details of further partner engagement across the consortium are provided in Table A5 in the appendices.

3. Other areas of progress/updates

At **BDU**, the Internship Programme is growing with USAID Ethiopia to sponsor undergraduate students from the Department of Disaster Risk Management and Sustainable Development to work at the Government of Ethiopia (GoE) Disaster Risk Management and Food Security Sector (DRMFSS). This is reflected by the increase in budget and associated increase in participants from 20 to 40. This programme has been recognised by the State Minister, who sees it as an initiative that supports and is aligned with the government's DRR programmes and agenda.

Also at BDU, undergraduate students, in cooperation with public institutions, have started urban risk assessment to raise awareness about waste management practices and activities. This is now forming part of the service learning component at BDU.

UDM is continuing its collaboration with the Ministry of Health, National Directorate for Public Health on Ebola prevention. It has also established collaborations with the Universidade de Campinas in Brazil, in the field of Bioenergy.

In Algeria, the Ministry of Interior has introduced a new position at provincial level for overseeing risk management that is institutionally located in the Provincial Governor's Cabinet. There are now 48 officials tasked to oversee subnational risk reduction who report to the National Delegation for Major Risks. USTHB is currently finalising an MoU the National Delegation for Major Risks to give disaster risk-related capacity building for the risk management / reduction officials in all 48 provinces. USTHB also aims to be actively involved in reviewing risk legislation through the Ministry of Interior.

An MOU has been prepared for signature between **ABU** and **SU** that should be finalised within the next month.

4. Summative Periperi U evaluation

As noted in the 2014 Annual Report (<http://www.riskreductionafrica.org/periperi-u-201314-annual-report-released/>), the consortium is undergoing a summative evaluation. Figure 1 below outlines the specific activities planned for the summative evaluation.

INCEPTION Jul - Sept 2014	PHASE 1: SITE STUDIES Oct - Nov 2014	PHASE 3: IMPACT STUDY Oct - Feb 2015
<input type="checkbox"/> Accra meeting <input type="checkbox"/> Desk study <input type="checkbox"/> Monitoring data <input type="checkbox"/> Outline of the evaluation <input type="checkbox"/> Contracting <input type="checkbox"/> National consultants <input type="checkbox"/> Evaluation team meeting <input type="checkbox"/> PPU theory of change <input type="checkbox"/> National consultants' planning meeting <input type="checkbox"/> Instrument design <input type="checkbox"/> Inception report	<input type="checkbox"/> Desk study <input type="checkbox"/> Site facts / verification <input type="checkbox"/> Key informant interviews <input type="checkbox"/> Analysis & reporting PHASE 2: CASE STUDIES Nov - Jan 2015 <input type="checkbox"/> Desk study <input type="checkbox"/> Site facts <input type="checkbox"/> Instrument design <input type="checkbox"/> Site visits / data collection <input type="checkbox"/> Integration & synthesis	<input type="checkbox"/> Stakeholder identification <input type="checkbox"/> Instrument / mechanism design <input type="checkbox"/> Surveys / Interviews <input type="checkbox"/> Analysis & synthesis PHASE 4: VERIFICATION Mar - Jul 2015 <input type="checkbox"/> Preliminary findings & partner consultation: Sendai, 19 Mar <input type="checkbox"/> Verification <input type="checkbox"/> Consolidation <input type="checkbox"/> Draft & final reporting

Figure 1: Five phases of evaluation (Ofir, 2014:17)

Secretariat support for the summative evaluation process continued during this quarter, including flight arrangements and support as necessary to National Consultants. The consultants completed site visits in March 2015 (see Table 2).

The processes leading to these visits in Tana, UG, USTHB and GBU were devoted to:

- preparing necessary documents,
- scheduling of meetings with key informants,
- recruiting a national researcher to assist the evaluation team, and,
- participating in meetings with the national researcher and PPU staff as requested by the evaluation team.

Table 1: Evaluation team site visit dates

Country	University	Dates
Madagascar	Tana	1-5 February
Ethiopia	BDU	17-19 February
Ghana	GBU	22-26 February
Algeria	USTHB	1-6 March

To date, the evaluation team has completed the Inception, Site and Case-study phases for the evaluation. It has also obtained nearly all factual information such as a full list of publications and stakeholders and monitoring data. It has tested and triangulated findings through an independent survey sent to the partners in February and collected impact information from stakeholders (such as students and donors). It has also reviewed national consultants' reports for finalisation.

Professor Ofir shared preliminary findings with Periperi U consortium members in Sendai on 19 March 2015. This presentation gave the evaluation team an opportunity to test its findings and ideas towards recommendations, and also to clarify outstanding issues.

5. Challenges experienced

At institutional level and consortium scale, challenges were experienced in this quarter. For instance, delayed funding transfers to **Tanà's** November and December 2014, adversely affected implementation of planned activities in this quarter. Similarly, **ABU** was unable to organise short courses and undertake extensive research with their current budget which is mainly derived from government funds.

A pervasive constraint across all partners is the total absence of scholarship/bursary support for students keen to advance in this field. As repeatedly noted, the continued absence of student financial support discourages greater uptake of academic offerings for talented and committed students as well as mature practitioners.

At consortium scale, the partnership came under significant pressure in the first quarter of 2015. This was due to converging demands that included a growing academic course-load, completion of quantitative data collection for the summative evaluation – along with site visits to four countries, and the extensive logistics and other preparations for the World Conference on Disaster Risk Reduction.

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30 April 2014

Annexures

Key



-  Information shaded planned activity
-  Consortium-wide engagement
- * Comment below

Table A1: Short courses

Institution	Name of short course	Dates held/scheduled	No. participants	
			Male	Female
BDU				
	Statistics and SPSS software	3-7 February 2015	19	3
UG	Community Information Base for Environmental Health Management (EHM) and DRR	12-15 January 2015	19	13
	Strategies for community resilience building in urban Ghana	19-22 January 2015	17	12
USTHB	Disaster Risk Reduction for journalists	February 2015	13	10
	GIS for Disaster Risk Management for journalists	March 2015	36	33
Total (175)			104	71

Table A2: Under/post graduate programmes

Institution	Title under/post graduate programme	Month commencing (registered)	No. students	Status
ABU	Masters in Disaster Management	2014/2015	83	Enrolled
	Postgraduate Diploma in Disaster Management	2014/2015	26	Enrolled
Ardhi	Master of Science in Disaster Risk Management (MSc. DRM)	October 2014	8	Enrolled
	Master of Disaster Risk Management (MDRM)	October 2014	12	Enrolled
	Master of Science in Disaster Risk Management (MSc. DRM)			
BDU	BSc in Disaster Risk Management & Sustainable Development	October 2012 October 2013 October 2014	3rd year 76 2nd year 42 1st year 25	2nd sem. course 2nd sem. course 2nd sem. course
	MSc in Disaster Risk Management & Sustainable Development	October 2012 October 2013 October 2014 October 2012 October 2013 October 2012 October 2013	8 regular 14 regular 18 regular 13 summer 10 summer 15 distance 22 distance	Thesis work Proposal writing Course work Thesis work Course work Thesis work Proposal writing
GBU	Master of Disaster Risk Prevention and Management for Food Security	January 2015	34	Ongoing
Makerere	Masters in Public Health and Disaster Management	2015	11	Ongoing
Moi	Food safety and hygiene (teaching component)			
Stellenbosch	Disaster Risk Studies (DRS)	April 2015	9	Enrolled
	MSC/MA in Geography and Environmental Studies (DRS specialisation)	March	2	Graduated
	MSC in Geography and Environmental Studies (DRS specialisation)	March	3	Ongoing
Tanà	DMGRC Masters program	2014/2015	31	*Ongoing 30
UDM	BSc in Environmental Engineering and Disaster Management (Disaster risk evaluation)	2014	36	Enrolled
	Msc in Technical Education, Development and Disaster Management	2014	24	Enrolled
UG	Theories and Analytical Methods for Disaster Risk Reduction	2015	10	Enrolled
	Concepts and Methods in Advanced Integrated Disaster Risk Reduction	2015	9	Enrolled
USTHB	Ph.D in Disaster Risk Reduction	Sept.2013/2014	14	Enrolled

***Comment:** 30 students were successful during the final exams in January and are now on the research phase leading to their Masters thesis needed for their graduation.

Institution	Title under/post graduate programme	Month commencing (registered)	No. students	Status
Definitions				
Enrolled	No. students expected to enrol in the programme. The number of students specified represents the number of students expected from registrations received.			
Ongoing	No. of students who have registered and begun the course. The number of students represents the number of students from registrations received.			
Graduated	No. of students who completed and graduated in this quarter.			

Table A3: Applied research outputs ongoing and completed

Institution	Research title	Output - thesis/report/article	Research phase
ABU	Vulnerability and Capacity Assessment of Sabon Gar Local Government Area, Kaduna State, Nigeria	Professional Academic Research	On-going
Ardhi	Implementing climate change adaptation and mitigation interventions at the local government levels in Tanzania: Where do we start?	Journal article (Current Opinion on Environmental Sustainability)	In press
BDU	Impact of food security programs on households' economic livelihood capital: The case of Gayint Woreda	Professional academic research	Pending - Research underway
	Climate induced vulnerability to food insecurity in pastoral areas of Ethiopia. The Case of Afar National Regional State.	Professional academic research	Pending - Research underway
GBU	Relationships between food safety and food quality for better response to crisis in the regions of Saint-Louis, Louga and Matam of Senegal	Professional academic research	Pending - Research underway
	Endogenous knowledge and development of fish farming in the Senegal River Valley: Issues of integrating fish farming and cropping under irrigated conditions	Professional academic research	Pending - Research underway
	Rational management of pest of solanaceous vegetable crops and improvement of the quality of the produce in the delta and the middle Senegal River valley	Professional academic research	Pending - Research underway
	Skills and strategies of the stakeholders in the Senegal River Valley for managing natural hazards and vulnerability for food security	Professional academic research	Pending - Research underway
	Managing risk for pests to ensure the availability of banana seeds in the delta and the Senegal River Valley	Professional academic research	Pending - Research underway
	Vulnerability of the paddy soils and increase in the salinization process in the Senegal River Delta: the comparative benefits of using phosphogypsum, organic fertilizer and biochar for soil restoration	Professional academic research	Pending - Research underway
	Dynamics of the farm lands in the Niayes region and risk of food insecurity	Professional academic research	Pending - Research underway
	Predicting rainfall events as tools for decision support for agriculture in Senegal	Professional academic research	Pending - Research underway
	Information system for securing land, in a food safety perspective applied to the community of Mbane in Senegal	Professional academic research	Pending - Research underway
Moi	Dietary Intake of Schoolchildren and Adolescents in Developing Countries	Journal article (Annals of Nutrition and Metabolism; 64 (Supplementary):24-40)	In press
	Community Risk Assessment in Kerio County, Riftvalley region in Kenya During the first quarter of the year	Professional academic research	Planned for 2015

Institution	Research title	Output - thesis/report/article	Research phase
Stellenbosch	Global Assessment Report on Disaster Risk Reduction 2015: Strategic mobilisation of higher education institutions in disaster risk reduction capacity building: Experience of Periperi U	Professional academic research	Published
	Post-Event Analysis 2014, 2013, 2012 and 2011 Cut-off Lows	Professional academic research	Pending - Research underway
	Everyday hazards and vulnerabilities among backyard dwellers: A case study of Vredendal North, Matzikama Municipality, South Africa	Journal article	Submitted for peer review
Tanà	DRR, resilience and development in the Southeast part of Madagascar	Professional academic research	Planned for 2015
	Describing and measuring community resilience to inundation	Professional academic research	Planned for 2015
UG	Environmental health and grassroots governance in Sabon Zongo	Professional academic research	Pending - Research underway

Table A4: Student theses

Institution	Research title	Output – thesis type	Research phase
ABU	Flood Risk and Vulnerability Assessment of Settlements downstream of Kubanni River Dam.	PhD thesis	On-going
Ardhi	Urban Disaster Risk Reduction: Analysis of the Role of Settlement Planning in Dar es Salaam Tanzania	PhD thesis	Final draft for supervisor's review
BDU	<p>Determinants Of Adaptation To Climate Variability in Crop Production Area, The Case of Kalu District, South Wollo, Amhara Region;</p> <p>Impact of Microfinance Service on the Livelihood of Rural, People in Ethiopia (Focused on women headed households);</p> <p>The Impacts Of Productive Safety Net Program On Food Security At Household Level, The Case Of Zway Dugda Woreda, East Shewa Zone, Oromiya Region;</p> <p>The Influence of Ethnic-Based Federalism on Clan Conflict in Babil Woreda of Somali Regional State: trends, dynamics and perceptions;</p> <p>Conflicts and Indigenous Conflict Resolution Mechanisms among Pastoralists in Arraro Woreda of Somali Regional State;</p> <p>Gender, Household Food Security, and Coping Strategy: the case of Jijiga woreda;</p> <p>Impact of Flood on Livelihoods in the Community of Marato of Kbridahar District of somali Regional state;</p> <p>Assessment of Voluntary Sedntarazation Situation and its Smperative to the Pastoral Livelihoods at Adadlay Woreda of Shabele Administrative;</p> <p>The Determinants of Household Food Security from Food availability: the case of Awbare Woreda of Fafan Zone, Somali Regional State;</p> <p>Livelihood and Survival Strategies among Migrant Children Shoe Shiningin Jijiga, somali regional State;</p> <p>Determinants of Food Insecurity Shocks in agropastoralst households: the case of Jijiga Woreda;</p> <p>Determinants of Livelihood Diversification in Pastoral Households;</p> <p>The Socieconomic Impacts of Drought : the Case of Harshin Woreda Pastoralsts in somali ;</p> <p>The impact of Drought hazard on Food Security Situation of rural Households: the Case of Gondar Zuria Woreda;</p> <p>Determinant of poverty in Agropastoral Households in Somali regional State: he Case of Jijiga Woreda;</p> <p>Clan Conflicts, their Causes, and Resolutions:the Case of Harshin Woreda of somali Region</p>	MSc theses	Research underway
GBU	Challenges of land security in West Africa, the case of the agricultural and rural land in Senegal and Burkina Faso	PhD thesis	Pending - Research underway
	Effect of the temperature variation on the supply and the growth of <i>Oreochromis nilotis</i>	PhD thesis	Pending - Research underway
Stellenbosch	Farming in the Langkloof: Coping with and adapting to environmental shock and social stress	MA thesis	Completed and

Institution	Research title	Output – thesis type	Research phase
			accepted
	Evaluating holistic management in Hwange Communal Lands, Zimbabwe: An actor-oriented livelihood approach, incorporating everyday politics and resistance	MSc thesis	Completed and accepted
*Tanà	'Analyse de la vulnérabilité du système institutionnel en GRC à Madagascar'	PhD thesis	Planned for 2015
	La vulnérabilité à la sécheresse en Androy: conséquences socioéconomiques et perceptions culturelles du risque climatique	PhD thesis	Planned for 2015
UG	Hazards and vulnerability mapping for adaptation to climate risks in savannah ecosystem: A case study of the Volta Basin, Ghana	PhD thesis	Oral defence was made in March 2015
* Comment: 30 research topics related to DMGRC students thesis which all started in February and are expected to be finished and defended in September.			

Table A5: Partner external engagements

Institution	Engagement type	Title	Dates	Location	Host	Purpose
Ardhi	Exchange visit (Prof. Djillali Benouar)	Postgraduate lecture: The experience of Algeria in DRM	11-13 Jan 2015	Dar es Salaam, Tanzania	Ardhi University	Postgraduate lecture
UG	Stakeholder collaborative meeting		6-7 Feb 2015	Ghana	Janok Foundation	Showcasing how to work with communities in Ghana
*Tanà	Conference	DIMSUR 2 nd Executive board meeting	1-5 Dec	Tanà, Madagascar	Lilongwe, Malawi	Participation to DIMSUR technical centre policy and activities planning for 2015 as a member of the Executive Board on behalf of the University of Antananarivo and Periperi U rep's
Consortium	Conference	WCDRR	14-18 Mar	Sendai, Japan	UNISDR	Session hosts and attendees
*Comment: Not recorded completely in previous report						

Table A6: Periperi U delegation in Sendai

Name and Surname	Institution
Edwin Iguisi	Ahmadu Bello University
Ibrahim Musa Jaro	Ahmadu Bello University
Jacob Songsore	University of Ghana
Osman Alhassan	University of Ghana
Tiana Mahefasoa Randrianalijaona	University of Antananarivo
Rija Ratsimbazafy	University of Antananarivo
Diana Menya	Moi University
Elizabeth Buluku	Moi University
Rui da Maia	Technical University of Mozambique
Benedita Penicela	Technical University of Mozambique
Benedict Malele	Ardhi University
Gabriel Kassenga	Ardhi University
Djillali Benouar	University of Science and Technology Houari Boumediene
Fawzia Chafa	University of Science and Technology Houari Boumediene
Christopher Orach	Makerere University
Henry Komakech	Makerere University
Christopher Muller	Stellenbosch University
Vimbai Chasi	Stellenbosch University
Alberto Francioli	Stellenbosch University
Ailsa Holloway	Stellenbosch University
Belayneh Anteneh	Bahir Dar University
Tarekegn Ayalew	Bahir Dar University
Mateugue Diack	Gaston Berger University
Aliou Diop	Gaston Berger University

Third UN World Conference on Disaster Risk Reduction
14 to 18 March 2015
Sendai City, Japan

Reporting template for Public Forum
Event type: Side Events

Guidelines

- A brief report is requested for post- conference documentation - primarily a proceedings document that would come out by July 2015
- Event organizers are requested to **please fill in the reporting template** below in English
- The template is divided into two parts, event background and event report.
- There is a basic guidance provided for the event report incorporated next to each field
- The expected length of text for each event in the proceedings would be approximately 50 words.
- Only the fields marked with an (*) are mandatory information
- Please send the completed **reporting template** to email address wcdrr2015@un.org
- Please mark the subject as **Public Forum Report: "Event ID – Event Title"**
- Please submit the report by **Friday, 10 April 2015**
- Please upload all event related documents (e.g. agenda, speaker's list, presentations made during the event, etc.) on the assigned webpage for the event that are linked to the conference programme which is available at <http://www.wcdrr.org/conference/programme>

Event Background

Event ID *	146
Event Title *	Role of Higher-Education Institutions (HEIs): Advancing Disaster Risk Knowledge and Building Local Risk Capacity
Organizer Name *	Co-organizers: AUEDM (Asian University Network of Environment and Disaster Risk Management) Periperi U (Partners Enhancing Resilience for People Exposed to Risk)
Date and Time *	16 March 2015: 09h00 -12h00
Venue	Tokyo Electron Hall Miyagi 401
Primary language	English
Organizer's Email	AUEDM: shaw.rajib.5u@kyoto-u.ac.jp Periperi U: ailsaholloway@sun.ac.za
Organizer's Phone No.	AUEDM: +81-75-753-5708 Periperi U: +27218089281

* Mandatory information

Event Report

Required information	Reporting text			Basic guidance for reporting
Number of participants attending the event	From Japan N/A	From other countries N/A	Total * 105 minimum attended	Approximate number of persons in the audience and speakers. (Only the total number is mandatory but an estimation of the disaggregation would be preferable, if possible)
	Female N/A	Male N/A		
Main outcomes /messages of the event (50 words) *	Recognition that there is a robust community of DRR related HEI's that are actively contributing towards advancing disaster risk knowledge and building local risk capacity across the globe. Agreed that greater acknowledgement needs to be placed on HEI's for their role in influencing and implementing many of the objectives of the post-2015 framework.			High level summary of what was achieved from the event and key message from the same. This will form the main crux of the inputs into the proceedings
Government announcements and voluntary commitments made at the event (in bullet points) *	No major commitments or announcements made, however: <ul style="list-style-type: none">• During the Public forum discussions, there was interest expressed by HEI delegates in increasing engagement and 'networking' between the different HEI's and between networks• Delegates stated that a secondary meeting should be held both after the forum as well as the next day, to discuss the prospect of enhanced collaboration between the various universities and between networks• Call by Dr Karen Sudmeier from the United Nations Environment Programme for contributions towards the development of a disaster risk focused Massive Open Online Course (MOOC). MOOC will give greater accessibility to those wanting to study and qualify in the field of disaster risk			For information on Government announcements and voluntary commitments, please refer to the webpage: http://www.wcdrr.org/preparatory/commitments . Request to encourage the entities making the announcements / commitments to submit the details on the above webpage. If no announcements / commitments are made, please mention not available
Quotes from participants	"We need to share knowledge with communities. We mine [communities] for knowledge, but I seems very rare that the knowledge is returned to them" <i>Ms Antonia Yulo Loyzaga - Manila Observatory, Philippines</i> "There is clearly a robust community of colleagues working in science and			Request to provide some quotes that may emerge from the event, along with their source.

	<p>technology fields, but also in community and capacity building and education fields. How do we take the energies into systematic communication and improve this further?" Dr Ailsa Holloway – Stellenbosch University, PeriPeri U</p> <p>"Sustainable solutions need to be found with business and industry and other sectors" Dr Mass Adds.</p> <p>"Our canoe has two hulls: Cultural Wisdom and Scientific Wisdom" Dr Helene Jacot Des Combes - The University of the South Pacific</p>	
Any other information to be highlighted	<p>Majority of speaking delegation as well as many attendees from other HEIs agreed that there was greater need for engagement and sharing between HEI's. Many of them agreed to meet again during the WCDRR to continue the discussion of the role of HEI's in the field of Disaster risk and how they can move forward through increased engagement and networking</p>	<p>Any other issues related to the event that the organizer may want to highlight.</p>
Captioning of pictures *		<p>Please attach at least one high resolution picture of your event which may be used if and where possible. The filename should be: "(event ID)_(event name)_(1,2,3,...).jpg" . Please provide a caption for each photograph.</p>



Presentation of PeriPeri U delegation



Question to presenter



Presentation on growth of disaster risk HEI networks in the Caribbean and Latin America



Public Forum was well attended with approximately 105 people



Plenary discussion session between
presenters and audience

*** Mandatory information**